Xiaojun Guo

List of Publications by Year in descending order

141 papers	3,687 citations	136740 32 h-index	155451 55 g-index
143 all docs	143 docs citations	143 times ranked	4144 citing authors

#	Article	IF	Citations
1	Current Status and Opportunities of Organic Thin-Film Transistor Technologies. IEEE Transactions on Electron Devices, 2017, 64, 1906-1921.	1.6	224
2	Advances in flexible organic field-effect transistors and their applications for flexible electronics. Npj Flexible Electronics, 2022, 6, .	5.1	194
3	Large Area One-Step Facile Processing of Microstructured Elastomeric Dielectric Film for High Sensitivity and Durable Sensing over Wide Pressure Range. ACS Applied Materials & Interfaces, 2016, 8, 20364-20370.	4.0	187
4	Polymer-Based Gate Dielectrics for Organic Field-Effect Transistors. Chemistry of Materials, 2019, 31, 2212-2240.	3.2	124
5	Recent progress in printable organic field effect transistors. Journal of Materials Chemistry C, 2019, 7, 790-808.	2.7	113
6	Unencapsulated Air-stable Organic Field Effect Transistor by All Solution Processes for Low Power Vapor Sensing. Scientific Reports, 2016, 6, 20671.	1.6	109
7	The 2021 flexible and printed electronics roadmap. Flexible and Printed Electronics, 2021, 6, 023001.	1.5	100
8	Integrated Soft Ionotronic Skin with Stretchable and Transparent Hydrogelâ€“Elastomer Ionic Sensors for Hand-Motion Monitoring. Soft Robotics, 2019, 6, 368-376.	4.6	98
9	Novel crosslinkable high-k copolymer dielectrics for high-energy-density capacitors and organic field-effect transistor applications. Journal of Materials Chemistry A, 2017, 5, 20737-20746.	5.2	84
10	Ultralow-Voltage Solution-Processed Organic Transistors With Small Gate Dielectric Capacitance. IEEE Electron Device Letters, 2013, 34, 129-131.	2.2	83
11	Solution-processable organic and hybrid gate dielectrics for printed electronics. Materials Science and Engineering Reports, 2018, 127, 1-36.	14.8	79
12	All ink-jet printed low-voltage organic field-effect transistors on flexible substrate. Organic Electronics, 2016, 38, 186-192.	1.4	74
13	High Sensitivity Flexible Capacitive Pressure Sensor Using Polydimethylsiloxane Elastomer Dielectric Layer Micro-Structured by 3-D Printed Mold. IEEE Journal of the Electron Devices Society, 2017, 5, 219-223.	1.2	71
14	Printed Flexible Strain Sensor Array for Bendable Interactive Surface. Advanced Functional Materials, 2020, 30, 2003214.	7.8	69
15	A Flexible Acetylcholinesterase-Modified Graphene for Chiral Pesticide Sensor. Journal of the American Chemical Society, 2019, 141, 14643-14649.	6.6	67
16	Low-voltage zinc oxide thin-film transistors with solution-processed channel and dielectric layers below 150â€‰Â°C. Applied Physics Letters, 2012, 101, .	1.5	66
17	High-Performance Solution-Processed Low-Voltage Polymer Thin-Film Transistors With Low-<inline-formula> <tex-math notation="LaTeX">k </tex-math></inline-formula>/High-<inline-formula> <tex-math notation="LaTeX">k </tex-math></inline-formula> Bilayer Gate Dielectric. IEEE Electron Device Letters, 2015, 36, 950-952.	2.2	60
18	Flexible Ammonia Sensor Based on PEDOT:PSS/Silver Nanowire Composite Film for Meat Freshness Monitoring. IEEE Electron Device Letters, 2017, 38, 975-978.	2.2	58

#	Article	IF	Citations
19	Inverted organic solar cells based on aqueous processed ZnO interlayers at low temperature. Applied Physics Letters, 2012, 100, 203906.	1.5	57
20	Highly Efficient Allâ€Solutionâ€Processed Lowâ€Voltage Organic Transistor with a Micrometerâ€Thick Lowâ€k Polymer Gate Dielectric Layer. Advanced Electronic Materials, 2016, 2, 1500454.	2.6	55
21	Manipulating the Sensitivity and Selectivity of OECTâ€Based Biosensors via the Surface Engineering of Carbon Cloth Gate Electrodes. Advanced Functional Materials, 2020, 30, 1905361.	7.8	53
22	Solution-Processed Zinc Oxide Thin-Film Transistors With a Low-Temperature Polymer Passivation Layer. IEEE Electron Device Letters, 2012, 33, 1420-1422.	2.2	52
23	Screen printed graphene electrodes on textile for wearable electrocardiogram monitoring. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	52
24	Inkjet printed fine silver electrodes for all-solution-processed low-voltage organic thin film transistors. Journal of Materials Chemistry C, 2014, 2, 1995.	2.7	51
25	The mechanism of universal green antisolvents for intermediate phase controlled high-efficiency formamidinium-based perovskite solar cells. Materials Horizons, 2020, 7, 934-942.	6.4	51
26	1D/2D switchable grating based on field-induced polymer stabilized blue phase liquid crystal. Journal of Applied Physics, 2012, 111, 033101.	1.1	49
27	Bias Stress Stability Improvement in Solution-Processed Low-Voltage Organic Field-Effect Transistors Using Relaxor Ferroelectric Polymer Gate Dielectric. IEEE Electron Device Letters, 2017, 38, 748-751.	2.2	42
28	Fully Solution Processed Bottom-Gate Organic Field-Effect Transistor With Steep Subthreshold Swing Approaching the Theoretical Limit. IEEE Electron Device Letters, 2017, 38, 1465-1468.	2.2	41
29	All-Solution-Processed Low-Voltage Organic Thin-Film Transistor Inverter on Plastic Substrate. IEEE Transactions on Electron Devices, 2014, 61, 1175-1180.	1.6	39
30	An ultrasensitive biosensor for fast detection of Salmonella using 3D magnetic grid separation and urease catalysis. Biosensors and Bioelectronics, 2020, 157, 112160.	5.3	38
31	Flexible Strain Sensors for Wearable Hand Gesture Recognition: From Devices to Systems. Advanced Intelligent Systems, 2022, 4, .	3.3	38
32	Scalable Processing Ultrathin Polymer Dielectric Films with a Generic Solution Based Approach for Wearable Soft Electronics. Advanced Materials Technologies, 2019, 4, 1800681.	3.0	36
33	Stable Leadâ€Free Tin Halide Perovskite with Operational Stability >1200â€‰h by Suppressing Tin(II) Oxidation. Angewandte Chemie - International Edition, 2022, 61, .	7.2	34
34	Low-temperature MoO₃film from a facile synthetic route for an efficient anode interfacial layer in organic optoelectronic devices. Journal of Materials Chemistry C, 2014, 2, 158-163.	2.7	33
35	Source-Gated Transistors for Power- and Area-Efficient AMOLED Pixel Circuits. Journal of Display Technology, 2014, 10, 928-933.	1.3	33
36	A new fluoropolymer having triazine rings as a dielectric material: synthesis and properties. Polymer Chemistry, 2017, 8, 6173-6180.	1.9	32

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37	Universal Compact Model for Thin-Film Transistors and Circuit Simulation for Low-Cost Flexible Large Area Electronics. IEEE Transactions on Electron Devices, 2017, 64, 2030-2037.	1.6	31
38	Controlling the surface wettability of the polymer dielectric for improved resolution of inkjet-printed electrodes and patterned channel regions in low-voltage solution-processed organic thin film transistors. Journal of Materials Chemistry C, 2014, 2, 5553.	2.7	30
39	High carrier mobility low-voltage ZnO thin film transistors fabricated at a low temperature via solution processing. Ceramics International, 2018, 44, 11751-11756.	2.3	30
40	Highly Sensitive and Transparent Strain Sensor Based on Thin Elastomer Film. IEEE Electron Device Letters, 2016, 37, 667-670.	2.2	29
41	Low-Voltage pH Sensor Tag Based on All Solution Processed Organic Field-Effect Transistor. IEEE Electron Device Letters, 2016, 37, 1002-1005.	2.2	27
42	Stable Thin-Film Reference Electrode on Plastic Substrate for All-Solid-State Ion-Sensitive Field-Effect Transistor Sensing System. IEEE Electron Device Letters, 2017, 38, 1469-1472.	2.2	26
43	Low temperature cross-linked, high performance polymer gate dielectrics for solution-processed organic field-effect transistors. Polymer Chemistry, 2015, 6, 5884-5890.	1.9	25
44	Achieving humidity-insensitive ammonia sensor based on Poly(3,4-ethylene dioxythiophene): Poly(styrenesulfonate). Organic Electronics, 2018, 62, 234-240.	1.4	25
45	Suppressing thermal quenching of lead halide perovskite nanocrystals by constructing a wide-bandgap surface layer for achieving thermally stable white light-emitting diodes. Chemical Science, 2022, 13, 3719-3727.	3.7	25
46	Investigation on the Current Nonuniformity in Current-Mode TFT Active-Matrix Display Pixel Circuitry. IEEE Transactions on Electron Devices, 2005, 52, 2379-2385.	1.6	24
47	Flexible-Blade Coating of Small Molecule Organic Semiconductor for Low Voltage Organic Field Effect Transistor. IEEE Electron Device Letters, 2017, 38, 338-340.	2.2	24
48	Large Area Solution Processed Poly (Dimethylsiloxane)-Based Thin Film Sensor Patch for Wearable Electrocardiogram Detection. IEEE Electron Device Letters, 2018, 39, 424-427.	2.2	24
49	Enabling Low Cost Flexible Smart Packaging System With Internet-of-Things Connectivity via Flexible Hybrid Integration of Silicon RFID Chip and Printed Polymer Sensors. IEEE Sensors Journal, 2020, 20, 5004-5011.	2.4	24
50	Scalable Processing of Low Voltage Organic Field Effect Transistors With a Facile Soft-Contact Coating Approach. IEEE Electron Device Letters, 2019, 40, 1945-1948.	2.2	22
51	Integrated Low Voltage Ion Sensing Organic Field Effect Transistor System on Plastic. IEEE Electron Device Letters, 2018, 39, 591-594.	2.2	21
52	Photocross-Linkable Hole Transport Materials for Inkjet-Printed High-Efficient Quantum Dot Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2020, 12, 58369-58377.	4.0	21
53	Matrix-Addressed Flexible Capacitive Pressure Sensor With Suppressed Crosstalk for Artificial Electronic Skin. IEEE Transactions on Electron Devices, 2020, 67, 2940-2944.	1.6	21
54	A New Voltage Driving Scheme to Suppress Non-Idealities of Polycrystalline Thin-Film Transistors for AMOLED Displays. Journal of Display Technology, 2014, 10, 991-994.	1.3	20

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55	Top-Gate Dry-Etching Patterned Polymer Thin-Film Transistors With a Protective Layer on Top of the Channel. IEEE Electron Device Letters, 2015, 36, 59-61.	2.2	20
56	A Lewisâ€Acid Monopolar Gate Dielectric for Allâ€Inkjetâ€Printed Highly Biasâ€Stress Stable Organic Transistors. Advanced Electronic Materials, 2017, 3, 1700029.	2.6	19
57	Printable Low Power Organic Transistor Technology for Customizable Hybrid Integration Towards Internet of Everything. IEEE Journal of the Electron Devices Society, 2020, 8, 1219-1226.	1.2	19
58	Detection of electrolyte leakage from lithium-ion batteries using a miniaturized sensor based on functionalized double-walled carbon nanotubes. Journal of Materials Chemistry C, 2021, 9, 6760-6765.	2.7	19
59	Solution processed low power organic field-effect transistor bio-chemical sensor of high transconductance efficiency. Npj Flexible Electronics, 2022, 6, .	5.1	18
60	Robust Gate Driver on Array Based on Amorphous IGZO Thin-Film Transistor for Large Size High-Resolution Liquid Crystal Displays. IEEE Journal of the Electron Devices Society, 2019, 7, 717-721.	1.2	17
61	Reducing contact resistance in bottom contact organic field effect transistors for integrated electronics. Journal Physics D: Applied Physics, 2019, 53, 014002.	1.3	17
62	High-Performance Transistors by Design. Science, 2008, 320, 618-619.	6.0	16
63	Current-Mode Logic in Organic Semiconductor Based on Source-Gated Transistors. IEEE Electron Device Letters, 2009, 30, 365-367.	2.2	16
64	Low Voltage Organic/Inorganic Hybrid Complementary Inverter With Low Temperature All Solution Processed Semiconductor and Dielectric Layers. IEEE Electron Device Letters, 2014, 35, 542-544.	2.2	16
65	Solvent Resistant Hole-Transporting Thin Films via Diacetylene Cross-Linking and Their Applications in Solution-Processed QLEDs. ACS Applied Polymer Materials, 2020, 2, 3274-3281.	2.0	16
66	Ordered mesoporous carbon sphere-based solid-contact ion-selective electrodes. Journal of Materials Science, 2019, 54, 13674-13684.	1.7	15
67	Silver nanowire/polymer composite soft conductive film fabricated by large-area compatible coating for flexible pressure sensor array. Journal of Semiconductors, 2018, 39, 013001.	2.0	14
68	Thermally cross-linked polyvinyl alcohol as gate dielectrics for solution processing organic field-effect transistors. Synthetic Metals, 2019, 250, 73-78.	2.1	14
69	High Sensitivity Capacitive Pressure Sensor With Bi-Layer Porous Structure Elastomeric Dielectric Formed by a Facile Solution Based Process. , 2019, 3, 1-4.		13
70	Insights into the device structure, processing and material design for an organic thin-film transistor towards functional circuit integration. Materials Chemistry Frontiers, 2021, 5, 6760-6778.	3.2	12
71	Through-Plastic-Via Three-Dimensional Integration for Integrated Organic Field-Effect Transistor Bio-Chemical Sensor Chip. IEEE Electron Device Letters, 2021, 42, 569-572.	2.2	12
72	Simple Noise Margin Model for Optimal Design of Unipolar Thin-Film Transistor Logic Circuits. IEEE Transactions on Electron Devices, 2013, 60, 1782-1785.	1.6	11

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73	Annealing-Free Solution-Processed Silver Nanowire-Polymer Composite Transparent Electrodes and Flexible Device Applications. IEEE Nanotechnology Magazine, 2015, 14, 36-41.	1.1	11
74	DC Compact Model for Subthreshold Operated Organic Field-Effect Transistors. IEEE Electron Device Letters, 2018, 39, 1191-1194.	2.2	11
75	Facile Four-Mask Processes for Organic Thin-Film Transistor Integration Structure With Metal Interconnect. IEEE Electron Device Letters, 2020, 41, 70-72.	2.2	11
76	Displaying-Synchronous Open-Loop External Compensation for Active-Matrix Light Emitting Diode Displays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1790-1794.	2.2	11
77	Low-Temperature Solution-Processed All Organic Integration for Large-Area and Flexible High-Resolution Imaging. IEEE Journal of the Electron Devices Society, 2022, 10, 821-826.	1.2	11
78	Solution Processed Organic Thin-Film Transistors With Hybrid Low/High Voltage Operation. Journal of Display Technology, 2014, 10, 971-974.	1.3	10
79	Dual-<inline-formula> <tex-math notation="TeX">$V_{m th}$ </tex-math></inline-formula> Low-Voltage Solution Processed Organic Thin-Film Transistors With a Thick Polymer Dielectric Layer. IEEE Transactions on Electron Devices, 2014, 61, 2220-2223.	1.6	10
80	Room Temperature Grown Highâ€Quality Polymerâ€Like Carbon Gate Dielectric for Organic Thinâ€Film Transistors. Advanced Electronic Materials, 2016, 2, 1500374.	2.6	10
81	Efficient Optoelectronic Devices Enabled by Near-Infrared Organic Semiconductors with a Photoresponse beyond 1050 nm. ACS Applied Materials & Interfaces, 2022, 14, 31066-31074.	4.0	10
82	Comparative study of encapsulated solution-processed zinc oxide ultraviolet photodetectors with different contacts. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2184-2188.	0.8	9
83	Crossâ€linked Polymerâ€Blend Gate Dielectrics through Thermal Click Chemistry. Chemistry - A European Journal, 2015, 21, 17762-17768.	1.7	9
84	Noise Margin Modeling for Zero-$V_{ext {GS}}$ Load TFT Circuits and Yield Estimation. IEEE Transactions on Electron Devices, 2016, 63, 684-690.	1.6	9
85	Probing the intrinsic charge transport in indacenodithiophene-co-benzothiadiazole thin films. AIP Advances, 2017, 7, .	0.6	9
86	Silver Nanowire Mesh-Based Fuse Type Write-Once-Read-Many Memory. IEEE Electron Device Letters, 2018, 39, 347-350.	2.2	9
87	Ligand Exchange of Colloidal ZnO Nanocrystals from the High Temperature and Nonaqueous Approach. Nano-Micro Letters, 2013, 5, 274-280.	14.4	8
88	Low-Voltage Large-Current Ion Gel Gated Polymer Transistors Fabricated by a â€œCut and Bondâ€•Process. ACS Applied Materials & Interfaces, 2015, 7, 4759-4762.	4.0	8
89	Accurate Recognition of Lightweight Objects With Low Resolution Pressure Sensor Array. IEEE Sensors Journal, 2020, 20, 3280-3284.	2.4	8
90	Eliminating Leakage Current in Thinâ€Film Transistor of Solutionâ€Processed Organic Material Stack for Largeâ€Scale Lowâ€Power Integration. Advanced Electronic Materials, 2022, 8, .	2.6	8

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91	Efficient solar power scavenging and utilization in mobile electronics system. , 2010, , .		7
92	Structure-Dependent Contact Barrier Effects in Bottom-Contact Organic Thin-Film Transistors. IEEE Transactions on Electron Devices, 2012, 59, 3382-3388.	1.6	7
93	Subthreshold-Operated Low-Voltage Organic Field-Effect Transistor for Ion-Sensing System of High Transduction Sensitivity. , 2018, 2, 1-4.		7
94	Stable fully-printed polymer resistive read-only memory and its operation in mobile readout system. Organic Electronics, 2015, 27, 259-265.	1.4	6
95	Inkjet-Printed Multi-Bit Low-Voltage Fuse-Type Write-Once-Read-Many Memory Cell. IEEE Electron Device Letters, 2016, 37, 862-865.	2.2	6
96	All-Additive Solution Processed Silver/Silver Chloride Reference Electrode for Handheld Ion-Sensitive Field-Effect Transistor Sensing System. , 2018, 2, 1-4.		6
97	Analytical Models for Delay and Power Analysis of Zero-V_{GS}Load Unipolar Thin-Film Transistor Logic Circuits. IEEE Transactions on Electron Devices, 2014, 61, 3838-3844.	1.6	5
98	Numerical Simulation and Analysis of the Switching Performance for Printable Low-Voltage Organic Thin-Film Transistors in Active-Matrix Backplanes. Journal of Display Technology, 2016, 12, 690-694.	1.3	5
99	Noise Margin, Delay, and Power Model for Pseudo-CMOS TFT Logic Circuits. IEEE Transactions on Electron Devices, 2017, 64, 2635-2642.	1.6	5
100	Employing Drain-Bias Dependent Electrical Characteristics of Poly-Si TFTs to Improve Gray Level Control in Low Power AMOLED Displays. IEEE Journal of the Electron Devices Society, 2019, 7, 489-494.	1.2	5
101	3â€³: Invited Paper: Development of Organic TFT Technology for Activeâ€Matrix Display Backplane. Digest of Technical Papers SID International Symposium, 2021, 52, 9-12.	0.1	5
102	An Analytical Yield Model for Zero-<inline-formula> <tex-math notation="LaTeX">$V_{mathrm {GS}}$ </tex-math></inline-formula>-Load Thin-Film Transistor Logic Circuits. IEEE Electron Device Letters, 2014, 35, 1269-1271.	2.2	4
103	Highly Sensitive Low Power Ion-sensitive Organic Thin-Film Transistors. , 2018, , .		4
104	Pâ€5.3: Design of Amorphous Silicon Thinâ€Film Transistor Gate Driver Circuit with High Reliability and Narrow Border for Middle Size Liquid Crystal Display. Digest of Technical Papers SID International Symposium, 2019, 50, 732-734.	0.1	4
105	Fast Measurement With Chemical Sensors Based on Sliding Window Sampling and Mixed-Feature Extraction. IEEE Sensors Journal, 2020, 20, 8740-8745.	2.4	4
106	Flexible strain sensors: from devices to array integration. Flexible and Printed Electronics, 2021, 6, 043002.	1.5	4
107	FrÃ¶hlich polaron effect in flexible low-voltage organic thin-film transistors gated with high-k polymer dielectrics. Journal Physics D: Applied Physics, 2021, 54, 444001.	1.3	4
108	Low-Temperature Packaging of Ion-Sensitive Organic Field-Effect Transistors on Plastic for Multiple Ion Detection. IEEE Journal of the Electron Devices Society, 2021, 9, 1237-1242.	1.2	4

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109	Simple Phenazineâ€Based Compounds Realizing Superior Multicolored Emission. Advanced Optical Materials, 2022, 10, .	3.6	4
110	Thin-film transistor arrays for biological sensing systems. Flexible and Printed Electronics, 2022, 7, 023004.	1.5	4
111	P-79: HSP: A Hybrid Simulation Platform for Backlight Dimming in TFT-LCDs. Digest of Technical Papers SID International Symposium, 2010, 41, 1544.	0.1	3
112	Improved Sensitivity of Inkjet-Printed PEDOT:PSS Ammonia Sensor With â€œNonidealâ€•Morphology. , 2018, 2, 1-4.		3
113	Printable Low Power Organic Transistor for Highly Customizable IoT Devices. , 2020, , .		3
114	Amorphous IGZO Thin-Film Transistor Gate Driver in Array for Ultra-Narrow Border Displays. IEEE Journal of the Electron Devices Society, 2022, 10, 351-355.	1.2	3
115	2-Face Viewable Liquid Crystal Display by In-Plane Switching. Molecular Crystals and Liquid Crystals, 2011, 544, 232/[1220]-236/[1224].	0.4	2
116	P.16: Dynamic Supply Voltage Scaling of Pixel Circuits for Static Power Reduction in AMOLEDs. Digest of Technical Papers SID International Symposium, 2013, 44, 1040-1043.	0.1	2
117	A Real-Time and Energy-Efficient Implementation of Difference-of-Gaussian with Flexible Thin-Film Transistors. , 2016, , .		2
118	Low voltage organic thin-film transistor with reduced sub-gap DOS for power efficient logic circuits. , 2016, , .		2
119	Low-temperature and solution-processed indium tin oxide films and their applications in flexible transparent capacitive pressure sensors. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	2
120	Design Methodology for Thin-Film Transistor Based Pseudo-CMOS Logic Array with Multi-Layer Interconnect Architecture. , 2017, , .		2
121	Stable Leadâ€Free Tin Halide Perovskite with Operational Stability >1200â€‰h by Suppressing Tin(II) Oxidation. Angewandte Chemie, 2022, 134, .	1.6	2
122	Pâ€161: A Mono/Dualâ€View Switchable LCD. Digest of Technical Papers SID International Symposium, 2011, 42, 1707-1710.	0.1	1
123	P.17: Integration of Solution Processed Oxide TFTs with Normal Structure OLEDs for Lowâ€voltage Operated Topâ€Emitting AMOLEDs. Digest of Technical Papers SID International Symposium, 2013, 44, 1044-1046.	0.1	1
124	Device/Circuit Mixed-Mode Simulations for Analysis and Design of Projected-Capacitive Touch Sensors. Journal of Display Technology, 2015, 11, 204-208.	1.3	1
125	Corrections to â€œUltralow-Voltage Solution-Processed Organic Transistors With Small Gate Dielectric Capacitanceâ€• IEEE Electron Device Letters, 2015, 36, 1384-1384.	2.2	1
126	Improved bias stress stability for low-voltage polymer OTFTs with low-k/high-k bilayer gate dielectric. , 2016, , .		1

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127	Mechanical strain and temperature aware design methodology for thin-film transistor based pseudo-CMOS logic array. , 2018, , .		1
128	30.2: Amorphous Silicon Thinâ€Film Transistor Gate Driver Circuit Design with Time Division Driving Method for Inâ€Cell Touch Display Panel. Digest of Technical Papers SID International Symposium, 2018, 49, 326-329.	0.1	1
129	Design Methodology for TFT-Based Pseudo-CMOS Logic Array With Multilayer Interconnection Architecture and Optimization Algorithms. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 2043-2057.	1.9	1
130	Semi-disposable Self-adhesive Sensor System for Wearable Electrocardiogram Detection. IEEE Journal of the Electron Devices Society, 2021, , 1-1.	1.2	1
131	Large Area and Flexible Organic Active Matrix Image Sensor Array Fabricated by Solution Coating Processes at Low Temperature. , 2021, , .		1
132	A course on thinâ€film transistor circuit design for modern displays. Journal of the Society for Information Display, 2014, 22, 281-286.	0.8	0
133	Dynamic Voltage Scaling for Low Power AMOLED Displays with Improved Luminous Uniformity. , 2018, , .		0
134	Solution Processed Steep Subthreshold OFETs for Low-power and High Sensitivity Bio-chemical Sensing. , 2018, , .		0
135	36.3: Low Voltage Organic TFTs with Large Area Compatible Coating Process. Digest of Technical Papers SID International Symposium, 2019, 50, 402-402.	0.1	0
136	Improvement of offâ€axis color shift on hybrid viewingâ€angle device using dual Î³ â€voltage method. Journal of the Society for Information Display, 2020, 28, 262-272.	0.8	0
137	Circuit Design and Experimental Verification of Low-voltage Organic Field-effect Transistor-based Common Source Amplifier. , 2021, , .		0
138	Semi-disposable Self-adhesive Sensor System for Wearable Electrocardiogram Detection. , 2021, , .		0
139	Guest Editorial Special Section From the Selected Extended Papers Presented at the CAD-TFT 2020. IEEE Journal of the Electron Devices Society, 2021, 9, 909-910.	1.2	0
140	Guest Editorial Circuits and Systems for Flexible Electronics. IEEE Open Journal of Circuits and Systems, 2021, 2, 700-701.	1.4	0
141	67â€2: Invited Paper: Organic Thinâ€Film Transistor Flexible Hybrid Integration for Lowâ€power Ubiquitous Sensor Systems. Digest of Technical Papers SID International Symposium, 2022, 53, 897-899.	0.1	0